

# REMARKS

Claims 1-6 are pending in the application. Claims 1-6 stand rejected.

Claims 4 and 5 have been amended herein to clarify applicant's claimed invention.

Claims 1 and 2 are objected to for minor spelling informalities. Spelling errors were also found in other claims. These spelling errors have been corrected herein.

Applicant's claimed invention is related to problems caused by differences of implemented protocol versions applied between communication equipment in an ATM switch (for example see page 7, lines 21-27 of the specification).

In an example embodiment applicant's claimed invention is directed to a quality of service (QoS) correction principle being determined in the ATM switch, so that the differences between subscriber signaling protocols supporting an original subscriber and a terminating subscriber, respectively are corrected.

Claims 1-6 are rejected under 35 U.S.C. §103(a) as unpatentable over Feuerstraeter et al. (US 6,285,659) (hereinafter Feuerstraeter) in view of Kim (US 5519689).

## Claim 1

Feuerstraeter disclose a network device which detects the best protocol to be supported by a network, where a repeater hub 40 is connected to network computers including 10Base and 100Base protocols. As pointed out by the Examiner Feuerstraeter is "selecting/negotiating an appropriate protocol."

Selecting or negotiating an end-to-end protocol is different from determining, in an ATM switching system, quality of service (QoS) correction principle for correcting the difference between a subscriber signaling protocol supporting said originating subscriber and a subscriber signaling protocol supporting said terminating subscriber."

In addition, in reviewing Feuerstraeter there is no indication of an ATM switching system as claimed by applicant and the reference only describes negotiating a connection protocol and does not described correcting the difference between a subscriber signaling protocols supporting and originating subscriber and a subscriber signal protocol supporting a terminating subscriber. Also the reference does not describe generating quality control information corrected using said quality of service correction principle.

The second reference, Kim indicates an ATM exchange. However Kim is directed to controlling traffic flow of a stream of cells in an ATM communication network, and thus, a signaling processor is provided to analyze the traffic parameters described by a calling subscriber terminal and identifies a class of the stream.

Kim fails to disclose determining quality of service (QoS) correction principle to correct the differences between subscriber signaling protocols supporting an original subscriber and a terminating subscriber, which are accommodated in the ATM switch.

The combination of Feuerstraeter and Kim fail to indicate the ATM switch system, which accommodate the original subscriber and terminating subscriber, and does not disclose determining in the ATM switch, a quality of service (QoS) correction principle to correct the difference between subscriber signaling protocols supporting originating and terminating subscribers, respectively.

As discussed above, it would not have been obvious to one of ordinary skill in the art at the time of the present invention to obtain the subject matter of independent claim 1, even what disclosed by Feuerstraeter is modified with what Kim discloses. First the combination of references fail to show all the features including the quality of service (QoS) correction principle is determined in the ATM switch and because there is a lack of motivation to make such a

combination. Col. 4, lines 22-38 are pointed to however it is not clear which reference is being pointed to and in any event no such motivation could be found in this section.

Claims 3 and 6

Independent claims 3 and 6 define interoffice protocols between first and second ATM switches. Kim indicates an ATM exchange, but the combination of Feuerstraeter and Kim fail to disclose mapping declaration data in a subscriber signaling protocol.

Claim 4

Independent claim 4 defines quality of service correction principle corresponding to a combination of subscriber signaling protocols for supporting respective originating subscriber and terminating subscriber.

Its argued in the Office Action that this corresponds to a difference in speed to applicant's quality of service (QoS). However applicant claims a database of correction contents management information for storing quality of service (QoS) correction principle corresponding to a combination of subscriber signaling protocols for supporting said respective originating subscriber and terminating subscriber, respectively stored in said subscriber protocol database.

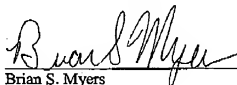
The reference fails to describe such a feature in relation to transmission speed such as 10Base or 100Base.

For at least the foregoing reasons it is respectfully submitted claims 1-6 should be allowed because Feuerstraeter and Kim fail to teach all of the claimed features.

In view of the remarks set forth above, this application is in condition for allowance which action is respectfully requested. However, if for any reason the Examiner should consider this application not to be in condition for allowance, the Examiner is respectfully requested to telephone the undersigned attorney at the number listed below prior to issuing a further Action.

Any fee due with this paper may be charged to Deposit Account No. 50-1290.

Respectfully submitted,



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Docket No.: FUJH 18.454  
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